

## QTP12B EMBEDDED BOX PC



It adopts all-aluminum alloy structure, fanless and totally enclosed design, light and compact, with low power consumption. It is an industrial product specially designed for a variety of environments. It has rich interfaces, supports expansion, can meet the access of a variety of external devices, and supports 12V-36V wide voltage power supply; The complete machine has good scalability, practicability and EMC compatibility, and is widely used in industrial control, military industry, communication, power and network and other automation fields.

- » Multi-task Stable Operation
- » Multi-screen Display Without Delay
- » 24 Hours Non-stop Operation
- » Support Power-on AutoStart
- » High Temperature Resistance, More Low Temperature Resistance
- » Waterproof and Dustproof, Scratch-proof and Durable
- » Pressure Resistance, Corrosion Resistance, Electromagnetic Resistance



FAN LESS DESIGN



INDUSTRIAL GRADE



DIN RAIL MOUNT



ZERO NOISE



WIDE VOLTAGE  
RANGE



24x7 HOURS  
STABLE OPERATION



HIGH & LOW  
TEMPERATURE  
RESISTANCE



4G MODULE  
(OPTIONAL)



## TECHNICAL PARAMETER

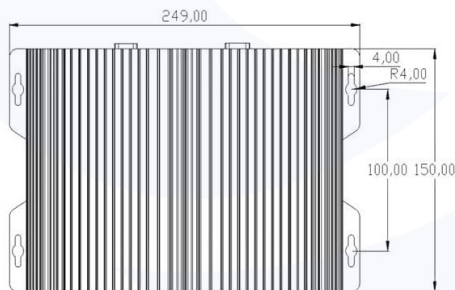
| Hardware Configuration |                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                    | Intel Core i3/i5/i7 Intel® UHD Graphics 620, TDP 15W                                                                                                              |
| Memory                 | 8G DDR4 (16G/32G)                                                                                                                                                 |
| I/O                    | 4 x USB 3.0 , 4 x USB 2.0, 2 x DB9 COM (RS232 only) , 1 x HDMI, 1 x VGA , 1 x Power Button, 1 x Headphone Jack, 1 x Microphone , 2 x Antenna Ports for WIFI/3G/4G |
| Hard disk              | 1x 512GB MSATA SSD (optional SSD 128GB-256GB, HDD 500GB-1TB)   1x 2.5inch HDD/SSD Bay                                                                             |
| Lan                    | 2 x 10/100/1000Mbps RJ45 Intel i211                                                                                                                               |
| OS                     | Windows 7/8/10/11 Linux/Ubuntu                                                                                                                                    |
| SIM                    | 1 x SIM slot, support 3G/4G                                                                                                                                       |
| Power                  |                                                                                                                                                                   |
| Power Input            | 12V                                                                                                                                                               |
| Reliability Parameters |                                                                                                                                                                   |
| Working temperature    | -20 °C ~60°C                                                                                                                                                      |
| Storage temperature    | -30 °C ~70 °C                                                                                                                                                     |
| Operating humidity     | 10%~90% @30°C, no condensation                                                                                                                                    |
| Mechanical             |                                                                                                                                                                   |
| Material               | Aluminum Alloy Chassis                                                                                                                                            |
| Mounting               | Supports both Desktop and Wall mounting                                                                                                                           |
| Body color             | Black                                                                                                                                                             |
| Overall size           | 248 x 150 x 81mm mm (W x D x H)                                                                                                                                   |
| Operating Weight       | Net : 2 Kg   Gross : 2.8 Kg                                                                                                                                       |
| Product certification  | CE / FCC / RoHS                                                                                                                                                   |



## SELECTION TABLE

|            |    |    |     |   |                             |
|------------|----|----|-----|---|-----------------------------|
| QP12B      | X  | X  | X   | X |                             |
| PROCESSOR  | i3 |    |     |   | Intel core i3 Processor     |
|            | i5 |    |     |   | Intel core i5 Processor     |
|            | i7 |    |     |   | Intel core i7 Processor     |
| RAM        |    | 4  |     |   | 4 GB RAM                    |
|            |    | 8  |     |   | 8 GB RAM                    |
|            |    | 16 |     |   | 16 GB RAM                   |
|            |    | 32 |     |   | 32 GB RAM                   |
| STORAGE    |    |    | 1S  |   | 128 GB SSD                  |
|            |    |    | 2S  |   | 256 GB SSD                  |
|            |    |    | 5S  |   | 512 GB SSD                  |
|            |    |    | 1T  |   | 1 TB SSD                    |
| GENERATION |    |    | 6G  |   | 6 <sup>TH</sup> GENERATION  |
|            |    |    | 7G  |   | 7 <sup>TH</sup> GENERATION  |
|            |    |    | 8G  |   | 8 <sup>TH</sup> GENERATION  |
|            |    |    | 10G |   | 10 <sup>TH</sup> GENERATION |
|            |    |    | 12G |   | 12 <sup>TH</sup> GENERATION |
|            |    |    | 13G |   | 13 <sup>TH</sup> GENERATION |

## DIMENSIONS



Support Wake-on-LAN and Auto Power-on

